

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under CFR § 1.10 on the date indicated below and is addressed to: Mail Stop PATENT APPLICATION Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 27, 2003. Signed: Kim Mel  
Kimberly Melvin

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ROBERT J. LIPSHUTZ et al.

Application No.: Unassigned

Filed: Herewith

For: POLYMORPHISM DETECTION

Atty. Docket No.: AFFYP016C2

Examiner: J. Riley

Group: 1656

Date: June 27, 2003

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56 AND 1.97(c)**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a Continuation of prior application U.S. Patent Application No. 08/853,370. This prior application is being relied upon for an earlier filing date under 35 U.S.C. § 120. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is being filed within three (3) months of the filing date of the above-referenced application. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. AFFYP016C2).

Respectfully submitted,



Michael J. Ritter  
Reg. No. 36,653

RITTER, LANG & KAPLAN LLP  
12930 Saratoga Ave., Suite D1  
Saratoga, CA 95070  
Tel: (408) 446-8690 Fax: (408) 446-8691

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)		Atty Docket No. <b>AFFYP016C1</b> Application No.: <b>Unassigned</b> Inventor <b>ROBERT J. LIPSHUTZ et al.</b> Group <b>1656</b> Filing Date <b>August 23, 2001</b>
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### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1	5,002,867	03/26/91	Macevicz	435	6	
	2	5,089,386	2/1992	Stackebrandt et al.	435	6	
	3	5,143,854	09/01/92	Pirrung et al.	436	518	
	4	5,202,231	04/13/93	Drmanac	435	6	
	5	5,242,974	09/07/93	Holmes	525	54.11	
	6	5,252,743	10/12/93	Barrett et al.	548	303.7	
	7	5,264,565	11/23/93	England et al.	536	234	
	8	5,270,170	12/14/93	Schatz et al.	435	7.37	
	9	5,302,707	04/12/94	Campbell et al.	536	25.33	
	10	5,324,633	06/28/94	Fodor et al.	435	6	
	11	5,338,665	08/16/94	Schatz et al.	435	6	
	12	5,359,115	10/25/94	Campbell et al.	558	110	
	13	5,362,899	11/08/94	Campbell	558	108	
	14	5,384,261	01/24/95	Winkler et al.	436	518	
	15	5,405,783	04/11/95	Pirrung et al.	436	518	
	16	5,412,087	05/02/95	McGall et al.	536	24.3	
	17	5,420,328	05/30/95	Campbell	558	110	
	18	5,424,186	06/13/95	Fodor et al.	435	6	
	19	5,427,908	06/27/95	Dower et al.	435	5	
	20	5,432,018	07/11/95	Dower et al.	435	5	
	21	5,445,934	08/29/95	Fodor et al.	435	6	
	22	5,451,683	09/19/95	Barrett et al.	548	302.7	
	23	5,482,867	01/09/96	Barrett et al.	436	518	
	24	5,489,678	02/06/96	Fodor et al.	536	22.1	
	25	5,491,074	02/13/96	Aldwin et al.	435	69.7	
	26	5,498,530	03/12/96	Schatz et al.	435	69.1	
	27	5,503,805	04/02/96	Sugarman et al.	422	131	
	28	5,510,270	04/23/96	Fodor et al.	436	518	
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	30	5,527,681	06/18/96	Holmes	435	6	
	31	5,541,061	07/30/96	Fodor et al.	435	6	
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				Application No.:	Unassigned		
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				Group	1656		
				Filing Date	August 23, 2001		

	35	5,556,752	09/17/96	Lockhart et al.	435	6	
	36	5,571,639	11/05/96	Hubbell et al.	430	5	
	37	5,578,832	11/26/96	Trulson et al.	250	458.1	
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	39	5,599,695	02/04/97	Pease et al.	435	91.1	
	40	5,607,832	03/04/97	Stanley et al.	435	6	
	41	5,624,711	04/29/97	Sundberg et al.	427	261	
	42	5,631,734	05/20/97	Stern et al.	356	317	
	43	5,690,894	11/25/97	Pinkel et al.	422	68.1	
	44	5,795,716	08/18/98	Chee et al.	435	6	

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
45	89/10977		11/16/89	WIPO			X	
46	90/15070		12/13/90	WIPO			X	
47	91/07087		05/30/91	WIPO			X	
48	2,036,946		10/07/91	Canada			X	
49	92/04470		03/19/92	WIPO			X	
50	92/10092		06/25/92	WIPO			X	
51	92/10588		06/25/92	WIPO			X	
52	93/09668		05/27/93	WIPO			X	
53	93/10161		05/27/93	WIPO			X	
54	93/15224		08/05/93	WIPO			X	
55	93/22694		11/11/93	WIPO			X	
56	94/10128		05/11/94	WIPO			X	
57	94/28173		12/08/94	WIPO			X	
58	95/00530		01/05/95	WIPO			X	
59	95/11995		05/04/95	WIPO			X	
60	95/22058		08/17/95	WIPO			X	
61	95/25177		09/21/95	WIPO			X	
62	95/33846		12/14/95	WIPO			X	
63	97/23357		01/23/97	WIPO			X	
64	97/10365		03/20/97	WIPO			X	
65	97/12063		04/03/97	WIPO			X	
66	97/27317		07/31/97	WIPO			X	
67	97/29212		08/14/97	WIPO			X	

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	65	Brenner et al. "DNA fingerprinting by sampled sequencing" Proc. Natl. Acad. Sci. USA 86:8902-8906. (1989)

<b>Form 1449 (Modified)</b> <b>Information Disclosure Statement By Applicant</b> (Use Several Sheets if Necessary)		Atty Docket No. <b>AFFYP016C1</b> Application No.: <b>Unassigned</b> Inventor <b>ROBERT J. LIPSHUTZ et al.</b> Group <b>1656</b> Filing Date <b>August 23, 2001</b>
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	68	Fodor et al. "Light-Directed, Spatially Addressable Parallel Chemical Synthesis" <i>Science</i> 251:767-777. (1991)
	69	Hoheisel "Application of hybridization techniques to genome mapping and sequencing" <i>Trends in Genetics</i> 10(3):79-83. (1994)
	70	Hotelling, Harold "Analysis of a Complex of Statistical Variables into Principal Components," <i>The Journal of Educational Psychology</i> , Volume 26, pp. 417-441. (1933)
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	72	Hotelling, Harold "Simplified Calculation of Principal Components," <i>Psychometrika</i> , Volume 1, Number 1, pp. 27-35. (1936)
	73	Pearson, Karl "On lines and Planes of Closest Fit to Systems of Points in Space," in <i>The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science</i> , Volume 2, Sixth Series, July-December 1901, pp. 559-572. (1901)
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	75	Sapolsky et al. "Mapping genomic library clones using oligonucleotide arrays" Hilton Head Conference, So. Carolina. (Sept. 17-21, 1994)
	76	Smith "Ligation-mediated PCR of restriction fragments from large DNA molecules" <i>PCR Methods and Applications</i> 2:21-27. (1992)
	77	Szybalski et al. "Class-IIs restriction enzymes: A review" <i>Gene</i> 100:13-26. (1991)
	78	Szybalski "Universal restriction endonucleases: Designing novel cleavage specificities by combining adapter oligo-deoxynucleotide and enzyme moieties" <i>Gene</i> 40:169-173. (1985)
	79	Unrau et al. "Non-cloning amplification of specific DNA from whole genomic DNA digests using DNA indexers" <i>Gene</i> 145:163-169. (1994)
	80	Matthews et al. "Review. Analytical Strategies for the Use of DNA Probes" <i>Analytical Biochemistry</i> , Vol. 169, pp. 1-25. (1988)
	81	Southern et al. "Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: Evaluation using experimental models" <i>Genomics</i> Vol. 13, pp. 1008-1017. (1992)
	82	Lipshutz et al. "Using oligonucleotide probe arrays to access genetic diversity" <i>Biotechniques</i> , Vol. 19, No. 3, pp. 442-447. (1995)

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.